

FY13 Funds

OMB Number: 4040-0004
Expiration Date: 04/31/2012

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant
CD-005

*b. Program/Project: CA-all

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 10/01/12

*b. End Date: 09/30/13

18. Estimated Funding (\$):

*a. Federal ~~\$6,481,557.00~~

*b. Applicant \$20,515,500.00

*c. State

*d. Local

*e. Other

*f. Program Income

*g. TOTAL ~~\$26,997,057.00~~

\$6,359,236

26,874,736

- Initial Award Amt#6
\$1,275,000
- \$4,178,668
Amt#7- \$905,568
Amt#8- \$6,359,236

*19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on
- ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes ☒ No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ **I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms.

*First Name: Cathy

Middle Name:

*Last Name: Chapin

Suffix:

*Title: Chief, Financial Operations Branch

*Telephone Number: (916)322-8200

Fax Number: (916)322-9612

*Email: cchapin@arb.ca.gov

*Signature of Authorized Representative: Cathy Chapin

Date Signed: 8/1/12

515961490

Application for Federal Assistance SF-424

Version 02

*Applicant Federal Debt Delinquency Explanation

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

BUDGET INFORMATION - Non-Construction Programs**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Air-105	66.001	\$	\$	\$ 6,481,557.00	\$ 20,515,500.00	\$ 26,997,057.00
2.						
3.						
4.						
5. Totals		\$	\$	\$6,481,557.00	\$20,515,500.00	\$26,997,057.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) Base Grant	(2) PAMS	(3) Border	(4)	
a. Personnel	17,325,020.00				17,325,020.00
b. Fringe Benefits	6,063,756.00				6,063,756.00
c. Travel	328,026.00				328,026.00
d. Equipment	0.00	8,000.00			8,000.00
e. Supplies	406,213.00	1,503.00	13,500.00		421,216.00
f. Contractual	0.00		71,500.00		71,500.00
g. Construction	0.00				0.00
h. Other	2,495,616.00				2,495,616.00
i. Total Direct Charges (sum of 6a-6h)	26,618,632.00	9,503.00	85,000.00		26,713,135.00
j. Indirect Charges	283,922.00				283,922.00
k. TOTALS (sum of 6i and 6j)	\$ 26,902,554.00	\$ 9,503.00	\$ 85,000.00	\$	\$ 26,997,057.00
7. Program Income	\$	\$	\$	\$	\$

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Standard Form 424A (Rev 4-2012)
Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. Air-105	20,515,500.00			\$ 20,515,500.00
9.				\$
10.				\$
11.				\$
12. Total (SUM OF LINES 8-11)	20,515,000.00			\$ 20,515,500.00

SECTION D - FORECASTED CASH NEEDS

13. Federal	Total for 1 st Year	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
	\$ 6,481,557.00	\$ 1,620,390.00	\$ 1,620,389.00	\$ 1,620,389.00	\$ 1,620,389.00
14. Non-Federal	20,515,500.00	5,128,875.00	5,128,875.00	5,128,875.00	5,128,875.00
15. TOTAL (sum of lines 13 and 14)	\$ 26,997,057.00	\$ 6,749,265.00	\$ 6,749,264.00	\$ 6,749,264.00	\$ 6,749,264.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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**AIR RESOURCES BOARD
2013 SECTION 105 GRANT DETAIL**

		<u>TOTAL</u>
PERSONNEL		
Base - Salaries	17,325,020	
Fringe Benefits	<u>6,063,756</u>	23,388,776
TRAVEL		
Per Diem	118,089	
Airfare	78,726	
Other (car rental, mileage, tolls, parking)	<u>131,210</u>	328,026
EQUIPMENT		
PAMS*	8,000	8,000
SUPPLIES		
Charges to this item include laboratory supplies, gases, freight, maintenance, replacement parts and repairs for lab equipment, and other expenses that relate to the laboratory operation.	406,213	
PAMS*	1,503	
Mexico Border Monitoring*	<u>13,500</u>	421,216
CONTRACTS		
Mexico Border Monitoring and Coordination*	71,500	71,500
OTHER		
Facilities (office space, janitorial)	1,447,794	
General Expense (office supplies, printing)	795,309	
Communications (phone, postage)	237,081	
Training (tuition, films, publications)	<u>15,431</u>	2,495,616
INDIRECT COSTS		<u>283,922</u>
TOTAL GRANT		<u><u>26,997,057</u></u>

* 100% Federal Funds

This grant does not include non-recurring non federal expenditures

**AIR RESOURCES BOARD
2013 SECTION 105 GRANT DETAIL
Personnel and Benefits**

Personnel

<u>Positions</u>	<u>Total</u>	<u>Salary Ranges/Mon.</u>	<u>Amount</u>
Air Resources Supervisor	32.6	\$7,377 - 9,842	3,615,072
Staff Air Pollution Specialist	10.5	\$7,472 - 9,082	1,136,588
Air Resources Engineer	41.2	\$4,608 - 8,379	3,827,628
Air Pollution Specialist	90.1	\$4,204 - 7,899	7,695,628
Instrument Technician, Air Quality	17.2	\$3,262 - 4,986	871,217
Office Technician	4.8	\$2,686 - 3,264	178,887
Personnel Total:	<u>196.4</u>		<u>17,325,020</u>

Fringe Benefits

Base	17,325,020
Rate	35%
Fringe Benefits Total:	6,063,756



Revised FFY 13 105 Work Plan & Matrix

Fojas, Michelle@ARB

to:

Gary Lance, Alba Espitia

08/24/2012 09:35 AM

Cc:

"Ford, Leslie@ARB"

Hide Details

From: "Fojas, Michelle@ARB" <mfojas@arb.ca.gov>

To: Gary Lance/R9/USEPA/US@EPA, Alba Espitia/R9/USEPA/US@EPA

Cc: "Ford, Leslie@ARB" <lford@arb.ca.gov>

2 Attachments



ARB Program Overview 2013 - rev 8-22-12.docx FY 2013 Section 105 Workplan Matrix - rev 8-22-12.pdf

Hi Gary/Alba,

Please see attached revised Workplan and Matrix which reflects quality assurance activities.

Thanks,

Michelle V. Fojas

Grants & Revenues Section

Administrative Services Division

California Air Resources Board

(916)322-8204

California Air Resources Board

Work Program for U.S. EPA 105 Grant

**Fiscal Year 2013
Air Resources Board**

Program Overview

INTRODUCTION

The California Air Resources Board (ARB) is the State agency responsible for protecting public health and the environment from the harmful effects of air pollution. ARB has 11 Governor-appointed board members and about 1,000 staff in nine divisions.

ARB oversees all air pollution control efforts in California, including the activities of 35 independent local air districts. State law vests ARB with direct authority to regulate pollution from motor vehicles, fuels, and consumer products. Primary responsibility for controlling pollution from business and industry lies with the local air districts. The federal government retains the exclusive authority to regulate interstate trucks registered outside California, certain new farm and construction equipment, new locomotives, ships, and aircraft. ARB works in cooperation with the districts and the U.S. Environmental Protection Agency (U.S. EPA) on strategies to attain State and federal ambient air quality standards and reduce air toxics emissions. ARB is also the lead agency for implementation of AB 32, the California Global Warming Solutions Act of 2006.

The scientific backbone of California's air quality programs is ARB's research and technical work on the causes, effects, and methods for control of air pollution. Extensive health effects studies assess whether ARB's current programs adequately protect the health of all Californians and enable the identification of pollutants of most concern. California's air monitoring network, emission inventory, and atmospheric modeling capability are the most extensive in the nation. This scientific foundation provides the information needed to pursue effective strategies to cut air emissions and reduce health impacts from air pollution.

ARB's regulatory and other programs continue to set the standard for innovative and effective air pollution mitigation in California and on both national and worldwide fronts. However, these programs can only achieve their projected benefits if they are properly and consistently implemented. ARB's enforcement program incorporates both a compliance foundation, through industry training programs and compliance assistance materials that provide regulated industries with the opportunity to learn and understand how to comply with regulations, and an enforcement arm that brings violators to justice, effectively creating an incentive to comply.

Outreach and cooperative efforts with community, industry, academic, and governmental stakeholders are critical to achieving ARB's goals: community members help identify priorities and address local concerns; businesses assist in identifying feasible and cost-effective controls with reasonable implementation timeframes; and academic institutions provide the scientific information that underpin the programs.

Other government agencies cooperate on issues that fall under their jurisdiction. These partnerships help ARB meet California's clean air quality goals.

California residents, businesses, and agencies have made tremendous progress in improving air quality. In the South Coast Air Basin, maximum 8-hour ozone concentrations decreased 57 percent from 1985 to 2010, and the number of unhealthy days decreased nearly 49 percent. Maximum daily levels of inhalable particulate matter (PM10) also improved, dropping close to 79 percent between 1990 and 2010. The decrease in health risk from air toxics like benzene and lead has been equally dramatic. However, despite this progress, about 93 percent of Californians live in areas designated nonattainment for federal ozone and particulate matter air quality standards.

In addition, U.S. EPA continues to strengthen national ambient air quality standards for fine particulate matter (PM2.5), ozone, nitrogen dioxide, sulfur dioxide, and lead. These standards are more health protective and will require additional areas of the state to develop plans and programs to reduce emissions. These new nonattainment areas will need ARB technical assistance to monitor air quality, model future emissions, develop control programs, and ensure compliance of those new programs. In addition, ARB's current motor vehicle, fuels and consumer products programs will need to find new ways to further reduce emissions to ensure that all areas of California can meet these new federal requirements.

ARB programs reflect a commitment to clean air and a healthier future for all Californians. Specific actions to achieve priorities are described in State Implementation Plans and other documents such as the Diesel Risk Reduction Plan, Emission Reduction Plan for Ports and International Freight Transport, the Environmental Justice Action Plan and the Climate Change Scoping Plan.

MISSION STATEMENT

To promote and protect the public health, welfare, and ecological resources through the effective and efficient reduction of air pollutants, while recognizing and considering the effects on the economy of the State.

STRATEGIC GOALS

- Air that is healthy to breathe, sustains and improves our ecosystems, and preserves natural and cultural resources.
- Communities that are free from unacceptable human health and ecological risks due to exposure from hazardous substances and other potential harmful agents.
- Reduce or eliminate the disproportionate impacts of pollution on low-income and minority populations.
- Ensure the efficient use of natural resources.
- Continuous improvement and application of science and technology.

STRATEGIC OBJECTIVES

Air that is healthy to breathe, sustains and improves our ecosystems, and preserves natural and cultural resources.

- Meet the federal and State standards for all criteria pollutants by the required deadlines.
- Maintain air quality in the areas already meeting health standards.
- Identify and reduce emissions and public health risk of non-criteria toxic pollutants.
- Reduce air pollution loading to land and water.
- Reduce emissions of greenhouse gases.
- Reduce ozone depleting gases.
- Reduce the public health risk of indoor air pollution.
- Reduce regional haze to improve visibility.

PRIMARY WORK STATEMENT

Strategic Plan Goal: Taking Action on Climate Change and Improving Air Quality (Essential Element 1)

ARB is developing and implementing new strategies to fulfill the Strategic Plan Goal on a local, regional, statewide, and global level by:

Activities that Meet Strategic Plan Objective 1.1: Address Climate Change (Essential Element 2).

- **Adopting and implementing measures to reduce greenhouse gas emissions.**

The California Air Resources Board (ARB) is the lead agency for the implementation of the California Global Warming Solutions Act of 2006 (AB 32). In this capacity, ARB has developed greenhouse gas emission inventories by economic sector, required large sources of greenhouse gas emissions to report their emissions, set a 2020 target for emission reductions, adopted nine Discrete Early Action measures to obtain near-term reductions, adopted a Scoping Plan that lays out California's overall strategy to reduce greenhouse gases, and begun adopting the specific emission reduction measures identified in the Scoping Plan. The Scoping Plan covers a broad and unprecedented range of emission sources such as transportation, electricity generation and other large sources, residential and commercial users, agriculture and forests, landfills, and other sectors. ARB is currently implementing numerous regulations to reduce greenhouse gases including reducing methane emissions from landfills, addressing refrigerant leaks, reducing the carbon intensity of transportation fuels through the Low Carbon Fuel Standard, requiring cleaner cars via the Advanced

Clean Car regulation, and capping greenhouse gas emissions statewide through the cap-and-trade regulation.

ARB is also part of a multi-agency Climate Action Team (CAT) that identifies the actions California should take to adapt to the unavoidable consequences of climate change and reduce emissions dramatically by 2050 to avoid catastrophic climate change in the long-term. Under the leadership of the California Natural Resources Agency, ARB together with the other CAT agencies is also helping to finalize California's first comprehensive climate adaptation strategy to reduce our risks to future climate impacts in a coordinated and cost-effective approach.

Activities that Meet Strategic Plan Objective 1.2: Improve Air Quality (Essential Element 2).

Federal and State Air Quality Planning and Implementation

- **Meeting obligations under the federal Clean Air Act.**

ARB works with local and federal partners to develop State Implementation Plans for ozone and particulate matter in California non-attainment areas in response to U. S. EPA's promulgation of the new national eight-hour ozone standard and the fine particulate matter (PM_{2.5}) standards.

- **Adopting and implementing new strategies to cut ozone, particulate matter, and air toxics from all sources.**

ARB develops and implements technology-advancing, cost-effective emission reduction measures for all sources under its authority including cars and trucks, off-road equipment, recreational vehicles, fuels and fueling operations and consumer products. Reducing particulate matter from diesel engines is the highest priority for the air toxics program. To further cut personal exposure, ARB examines ways to address indoor air pollution.

- **Assessing and improving air quality in the California-Mexico border region.**

ARB works cooperatively with U.S. and Mexican environmental agencies to build the foundation for successful air quality management strategies for the California-Mexico border region. ARB provides training, laboratory analysis, and certification of standards in support of the Baja network, and provides technical and administrative support for an Imperial air quality forecasting and alerts website.

Risk Reduction from Air Toxics

- **Adopting and implementing measures to reduce the risk from exposure to particulate matter from diesel engines 85 percent by 2020.**

ARB reduces particulate matter from diesel engines through programs that require newer cleaner engines, engine retrofits and cleaner fuels, as well as financial incentives programs to accelerate the clean-up of older, dirtier engines. As part of these programs, ARB has developed regulations that will reduce PM emissions from nearly all on- and off-road heavy duty diesel vehicles and engines that operate in California.

- **Freight Transport Related Programs and Strategies to Reduce Emissions.**

ARB has adopted and is currently enforcing numerous measures identified in the 2006 Emission Reduction Plan for Ports and Goods Movement. The measures address all significant emission sources associated with the movement of international and domestic freight, including trucks, transport refrigeration units, locomotives, ships, harbor craft, cargo handling equipment, and aircraft. ARB also continues to work closely with the local air pollution control districts to provide incentives for cleaner freight technology through the Carl Moyer Program and the \$1 billion Proposition 1B Goods Movement Emission Reduction Program. These measures and incentives have been incorporated into California's 8-hour ozone and PM2.5 SIPs for regions where additional reductions are needed. ARB also conducts health risk assessments for major seaports and rail yards in California, works with ports, railroads, and air districts to reduce localized health risk, improves and updates emission inventories, and coordinates with federal agencies to advocate for more effective national and international standards. In addition, ARB is working with stakeholders to identify the advanced technologies needed to transform California freight transport to a sustainable zero- or near-zero emission system over the next several decades.

Mobile Source Technology Advancement

- **Promoting the development, commercialization, and use of zero- and near-zero emission technologies.**

ARB is taking the initial steps in the development of a hydrogen transportation system that is a bridge to a cleaner, more secure, and more sustainable transportation and energy future. ARB recognizes that the development, commercialization, and the use of zero- and near-zero emission technologies is critical for achieving and maintaining federal and State air quality standards.

- **Demonstrating the viability and promoting the commercialization of fuel cells in many applications.**

ARB is a member of the California Fuel Cell Partnership and the California Stationary Fuel Cell Collaborative. The California Fuel Cell Partnership is a collaboration of automotive manufacturers, fuel providers, fuel cell technology companies, and government agencies that are placing fuel cell electric vehicles on the road in California. ARB's role in the partnership includes support of zero emission bus demonstrations, development of fueling codes and standards, development of infrastructure deployment, and education and outreach.

The California Stationary Fuel Cell Collaborative promotes the use of fuel cell technology in distributed generation and other stationary applications to help bring clean, efficient, reliable and sustainable power to all Californians. The collaborative promotes the deployment of fuel cell technologies as a means of reducing or eliminating air pollutants and greenhouse gas emissions; increasing energy efficiency; promoting energy reliability and independence; advancing informed public policy; initiating public demonstrations of stationary fuel cells for distributed generation; conducting key studies to further existing knowledge about fuel cell capabilities and the impact of fuel cells for distributed generation; raising public awareness about and acceptance of this technology; and helping the state of California move closer to realizing a sustainable energy future.

- **Participating in the implementation of the California Hydrogen Refueling Network.**

ARB works to support establishment of a hydrogen refueling infrastructure to support and catalyze a rapid transition to a clean hydrogen transportation economy in California that has promise to provide a cleaner, more secure and more sustainable transportation and energy future; reduce our dependence on foreign oil; reduce greenhouse gas emissions; improve our air quality; and grow the California economy. ARB is working to establish hydrogen fueling station demonstration projects and acquire a diverse fleet of hydrogen vehicles for use in State fleets and university or airport shuttle services.

Environmental Justice Efforts

- **Implement Environmental Justice Policies.**

ARB continues to implement the Policies and Actions for Environmental Justice adopted in 2001. This includes but is not limited to evaluating whether major programs, policies and regulations consider the impact of ARB actions on environmental justice communities.

Supporting Work Elements that Meet Strategic Plan Objective 1.1: Address Climate Change And Strategic Plan Objective 1.2 Improve Air Quality (Essential Element 2).

Improving Pollution Monitoring

- **Promoting the advancement of air pollution monitoring equipment technology**

ARB enhances emission monitoring and measurement methods through its research program.

Improving the scientific understanding of the relationship between air pollution and health effects by:

- **Understanding the relationship between air pollution and health effects.**

ARB evaluates and establishes clean air targets that protect the health of all Californians, including sensitive individuals and those living in areas with environmental justice concerns, and the State's sensitive ecosystems.

- **Characterizing air pollution exposure.**

ARB advances its understanding of human exposure to air pollution by characterizing personal exposure to pollutants from both indoor and outdoor sources. This allows ARB to focus regulatory activities on those pollutants that represent the greatest health concerns.

- **Developing an understanding of the sources of global air pollution and its impacts on the environment.**

ARB is working to better understand the effects of changes in the global climate due to increases in carbon dioxide and other greenhouse gases. ARB also identifies the research needed to determine the impact of these changes on regional air quality and, in turn, on existing and future control strategies. In addition, a more quantitative understanding of the sources of global climate change is needed before effective mitigation methods can be determined and assessed.

Improving technical tools to assess the nature and sources of air pollution, and evaluating the effectiveness of air quality improvement strategies by:

- **Developing the atmospheric modeling capability needed to support attainment demonstrations for the federal and State ozone and particulate matter standards.**

ARB and U.S. EPA work together to plan and carry out the work necessary to ensure that the air quality modeling needed to develop plans for attaining federal and State ozone and particulate matter standards is based on the best science possible.

- **Refining the current understanding of particulate matter pollution.**

ARB works to have a science-based understanding of the nature of the particulate matter problem, the relative contribution of pollution sources, and how the problem varies by area.

- **Developing new tools to provide air quality information to the public.**

ARB staff develops community based internet tools that provide air quality and emissions information to the public in an easy to use format.

Ensuring regulatory programs achieve the necessary emission reductions through compliance assistance paired with aggressive, firm, and fair enforcement:

- **Broadening ARB's mobile source enforcement program to address newly targeted sources and tackle emerging and expanding pathways of commerce.**

ARB designs and implements new compliance/enforcement strategies to ensure the effective implementation of new regulations such as those that limit heavy-duty diesel vehicle idling, and reduce emissions from solid waste collection vehicles, and minimize emissions from California's shipping ports and rail yards.

- **Coordinating multimedia inspections and investigations with other Cal/EPA agencies.**

ARB works with other law enforcement agencies (including environmental, police, customs and immigration, and the U. S. Coast Guard) to establish a strong enforcement presence statewide to address all manner of transportation violations.

- **Strengthening and fine-tuning enforcement efforts in the fuels, consumer products, cargo tanks, asbestos abatement, and other non-mobile source programs.**

ARB is expanding its enforcement program to address several new emission areas – including incineration practices on cruise ships, locomotive idling, and fuels used by ships while in and around the ports.

- **Supporting efforts to improve local air district enforcement and permitting programs.**

ARB provides an oversight role to the air districts by offering assistance and training to district inspection staff, providing enforcement compliance program evaluations, and additional source inspections and testing.

Developing and implementing processes and tools for corrective action in response to findings from EPA's 2011 technical system audit.

- ARB activities will include enhancing coordination within the CARB Primary Quality Assurance Organization (PQAO), enhancing state-wide information as part of the annual air monitoring network plans, building upon existing data validation efforts throughout the PQAO, and establishing a state-wide training program.

Please see Attachment A for specific work plan products.

Essential Element 3
Workplan Output Matrix
October 1, 2012 - September 30, 2013

ATTACHMENT A

	The following Workplan Commitments meet the Strategic Plan Goal "Taking Action on Climate Change and Improving Air and also meet the Strategic Plan Objectives 1.1 "Address Climate Change" and 1.2 "Improve Air Quality"		
Objective	Workplan Commitments	Contact	Due Date
1.1 Address Climate Change	Harmonizing greenhouse gas reporting requirements with the federal greenhouse gas reporting rule (40 CFR 98.1).	Richard Bode 916-323-8413	Ongoing
1.2 Improve Air Quality	Continued submittal of NAAQS pollutant data, PAMS, and other QA data to AQS directly or indirectly through another organization according to CFR part 58 (OAQPS M11)	Gayle Sweigert 916-322-6923	Ongoing
1.2 Improve Air Quality	Prepare and submit Annual Network Plan for a subset of districts included in the CARB PQAO	Gayle Sweigert 916-322-6923	2013
1.2 Improve Air Quality	Compile summary of information from all District network plans and submit to Region 9	Gayle Sweigert 916-322-6923	2013
1.2 Improve Air Quality	Prepare and submit NO2 Infrastructure SIP	Gayle Sweigert 916-322-6923	2013
1.2 Improve Air Quality	Prepare and submit SO2 Infrastructure SIP	Gayle Sweigert 916-322-6923	2013
1.2 Improve Air Quality	Certify ambient data for which ARB has AQS submittal Authority	Gayle Sweigert 916-322-6923	2013
1.2 Improve Air Quality	Conduct adequate, independent QA audits of state/local NAAQS monitors or participates in NPAP and PEP QA programs (OAQPS M13).	Merrin Wright 916-324-6191	Semi-annually
1.2 Improve Air Quality	Consult with U.S. EPA to develop approvable SIPs to attain the PM2.5 NAAQS, including inventories and control strategy development, air quality modeling, and adoption of enforceable measures (OAQPS N08).	Doug Ito 916-322-0285	Ongoing
1.2 Improve Air Quality	Submit revisions to attainment demonstration SIPs to attain the 0.08 ppm 8-hour ozone NAAQS.	Doug Ito 916-322-0285	2012/2013
1.2 Improve Air Quality	Submit revisions to RFP SIPs for the 0.08 ppm 8-hour ozone NAAQS.	Doug Ito 916-322-0285	2012/2013
1.2 Improve Air Quality	Submit Clean Air Act Section 110(a)(1) maintenance SIPs required for 8-hour ozone attainment areas (OAQPS N19).	Doug Ito 916-322-0285	2012/2013

Essential Element 3
Workplan Output Matrix
October 1, 2012 - September 30, 2013

ATTACHMENT A

1.2 Improve Air Quality	Submit the 2011 Statewide emission inventories for criteria pollutants required by the AERR, via CDX, covering all major sources (OAQPS N20).	Carla Takemoto 916-324-8028	2012
1.2 Improve Air Quality	Submit all RBLC data, including timeliness data on New Source Review (NSR) permits issued for new major sources and major modifications by entering data into the RBLC national database (OAQPS P17).	Duc Tran 916-322-5558	Semi-annually
1.2 Improve Air Quality	Submit Mexico Border PM10 mass and lead (Pb) analysis.	Cindy Castronovo 916-322-8957	2013
1.2 Improve Air Quality	Submit streamline permitting and enforcement reports, reports on Title V, authorities to construct, permits and permit program, emission reduction credits; MACT determinations, synthetic minor operating permits.	Michael Tollstrup 916-322-6026	Quarterly
	Submit non-grantee district enforcement reports.	Jeff Lindberg 916-322-0446	
1.2 Improve Air Quality	Monthly Active High Priority Violations report;		Monthly
1.2 Improve Air Quality	Bi-monthly Full Compliance Evaluation report;		Bi-monthly
1.2 Improve Air Quality	Quarterly Continuous Emissions Monitoring Systems Summary reports;		Quarterly
1.2 Improve Air Quality	Variance orders > 90 days		> 90 Days
1.2 Improve Air Quality	Submit compliance training progress report.	Ben Sehgal 916-327-3953	Semi-annually
1.2 Improve Air Quality	Submit district rules to the SIP.	Mike Guzzetta 916-322-6025	Quarterly (or as required)
	Submit control measures implementing commitments from approved SIPs.		As Adopted
1.2 Improve Air Quality	California SIP Revision for 2006 PM2.5 SIPs due 2012	Sylvia Zulawnick 916-324-7163	
1.2 Improve Air Quality	Off-Road Agricultural Equipment	Kim Heroy-Rogalski 916-327-2200	
1.2 Improve Air Quality	Consumer Products	Carla Takemoto 916-324-8028	
1.2 Improve Air Quality	Off-highway Recreational Vehicles and On-Road Motorcycles Evaporative Emissions	Jim Watson 916-327-1282	
1.2 Improve Air Quality	Spark-Ignition Marine Engine (formerly named Pleasure Craft Evaporative Requirements)	Scott Monday 916-445-9319	
1.2 Improve Air Quality	Quality Assurance Activities	Mike Miguel 916-322-0960	on-going